

| D&T: Year 8                              | Emerging                                                                                                                                                                                                                                                                                                                                                      | Developing                                                                                                                                                                                                                                                                                                                                                                            | Securing                                                                                                                                                                                                                                                                           | Mastering                                                                                                                                                                                                              |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Applying subject knowledge</b></p> | <p>I can use ideas from other designers to help me in my work<br/>I can produce a minimum of one A4 page of analysis that is descriptive and draws helpful conclusions related to the design task<br/>My research shows a link to my brief and gives me some important information.</p>                                                                       | <p>I can show evidence of research from two sources independently e.g. internet, magazines, books, surveys etc. write a design specification which identifies key aspects needed. I can apply my understanding of form and function to my own design work. I can use ICT software to enhance the quality of work</p>                                                                  | <p>I can apply the conclusions from my research to show how my ideas better fit the target market. My research shows evidence of analysis of form and function of similar products (other designers' work)</p>                                                                     | <p>I understand a range of advanced/specialist techniques<br/>I have a broad knowledge of different materials, components, and processes</p>                                                                           |
| <p><b>Designing</b></p>                  | <p>I can show a variety of different ideas that cater for different peoples likes and tastes, with some reference to my research. I can link my work to design styles. I can gather inspiration for creativity from my existing product's research</p>                                                                                                        | <p>My ideas show some technical understanding of materials, components etc. which is drawn from my research and analysis. I have tested other products and taken ideas from them. I can design and develop ideas by using a variety of information sources<br/>I can present my development work neatly using 2D/3D drawings. My design work directly connects to my design brief</p> | <p>I can develop my idea in response to peer feedback. My ideas show evidence of allowing for cultural differences (where appropriate). I can produce a variety of creative ideas linked to my research and analysis. I have a clear understanding of how my work will be made</p> | <p>I can explain decisions regarding the choice of materials and manufacturing processes. I can argue whether my design favours form or function</p>                                                                   |
| <p><b>Making</b></p>                     | <p>I have produced a product which is mainly finished and uses two or more skills<br/>I can identify quality checks in my work<br/>I can work with some independence during my practical work. I can use tools correctly and safely. I can work independently at times during my practical work. I can produce a product which has a good level of making</p> | <p>I can work mainly independently during practical work. I can produce a product which has a very good level of making and finishing. I can apply my knowledge and understanding of materials and techniques</p>                                                                                                                                                                     | <p>I can solve technical problems and show some evidence of creative modifications<br/>I have produced a product which is demanding in its range of skills</p>                                                                                                                     | <p>I can work independently during practical work. I can select and use a range of tools and equipment accurately, skilfully and safely with precision. I can justify any modifications made during my manufacture</p> |
| <p><b>Evaluating</b></p>                 | <p>I can compare the final product with the main points of the specification<br/>I can test final product to evaluate my product<br/>I can suggest and record the main changes I would need to make in the future to improve my product</p>                                                                                                                   | <p>I can explain in writing about my research and specification whether it was appropriate to my final product or not. I have identified a number of key weaknesses and suggested improvements</p>                                                                                                                                                                                    | <p>I can explain possible alterations to my product as a response to my user feedback. I have evaluated my product in use and gained user feedback</p>                                                                                                                             | <p>I can discuss my project in detail and justify with research. I can create a broad overview of the entire project</p>                                                                                               |